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Vännman et al.

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(54) **REINFORCED HEAT EXCHANGER PLATE**

(56) **References Cited**

(75) Inventors: **Erik Vännman**, Pixbo (SE); **Olivier Noël-Baron**, Echirolles (FR)

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(73) Assignees: **ALFA LAVAL CORPORATE AB**,
Lund (SE); **ALFA LAVAL VICARB**,
Fontanil Cornillon (FR)

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Primary Examiner — Jianying Atkisson

Assistant Examiner — Paul Alvare

(74) *Attorney, Agent, or Firm* — Buchanan Ingersoll &
Rooney PC

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(57) **ABSTRACT**

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Plate suitable for acting as a bulkhead between two fluids
flowing in a plate heat exchanger, the plate having a plurality
of corrugations each having a bottom crest line and a top
crest line, all or part of the corrugations locally having
stiffeners formed by a substantial and local reduction of the
height of the top crest line, the stiffeners being arranged in
a first group of stiffeners distributed on the plate along at
least one first line parallel to a diagonal of the plate, the
diagonal being perpendicular to the crest lines of the cor-
rugations, the stiffeners of the first group being alternately
arranged on either side of the first line on each consecutive
corrugation, wherein the distance measured perpendicularly
to the first line between the center of the stiffeners of the first
group and the first line is the same for each stiffener of the
first group.

11 Claims, 2 Drawing Sheets

